

What's new in Cubase VST 5.1?

If you know Cubase VST already but want a fast guide to what's new in Cubase VST 5.1, here it is. Click on the green links in the text below to jump to the relevant documentation.

New VST Effects

Cubase VST 5.1 comes with a completely new set of VST Effect plug-ins. The earlier effects are also included, making your effect palette more complete than ever.

New Effects plug-ins are as follows:

- **Autopole** - This is a filter effect with two separate multimode filters that can be LFO or Envelope controlled.
- **BitCrusher** - A "hi-fi" to "lo-fi" converter using bit-reduction, to produce raw and dirty sounds.
- **DaTube** - This effect emulates the characteristic warm sound of a tube amplifier.
- **MIDI Comb** - A MIDI controlled comb filter effect.
- **MIDI Gate** - A MIDI controlled noise gate.
- **Mysterizer** - A continuous real-time effect manipulator that can produce anything from subtle variations to wild mutations.
- **SubBass** - A pitch tracking bass synthesizer that can generate booming sub-sonic bass sounds.
- **Vocoder** - A vocoder can apply sound/voice characteristics taken from one signal source and apply this to another source, for "talking instrument" effects and much more.
- **Rotary** - Emulates the sound of a rotary speaker.
- **PhatSync** - Pattern controlled filter effect.
- **Ring Modulator** - This can produce complex enharmonic timbres by multiplying two signals.

For detailed descriptions of the effects, see ["VST Effects"](#).

New VST Instruments

Three new VST Instruments are shipped with Cubase 5.1. These are as follows:

- **JX16** - A 16-voice synthesizer.
- **CS40** - A simple software synthesizer.
- **LM-7** - A new drum machine.

For detailed descriptions, see ["VST Instruments"](#).